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OM protein - protein search, using sw model

Run on: August 9, 2003, 16:25:48 ; Search time 15.0857 Seconds
(without alignments)
44.875 Million cell updates/sec

Title: US-09-905-691-5

Perfect score: 16

Sequence: 1 CRRARARARARARAE 16

Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 328717 seqs, 42310858 residues

Word size : 0

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents,AA:*

- 1: /cgn2.6/prodata/1/iaa/5A_COMB.pep:*
- 2: /cgn2.6/prodata/1/iaa/5B_COMB.pep:*
- 3: /cgn2.6/prodata/1/iaa/6A_COMB.pep:*
- 4: /cgn2.6/prodata/1/iaa/6B_COMB.pep:*
- 5: /cgn2.6/prodata/1/iaa/PCTUS_COMB.pep:*
- 6: /cgn2.6/prodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	16	100.0	16	3	US-09-166-930A-8
2	15	93.8	16	2	US-08-660-592-11
3	15	93.8	19	2	US-08-660-592-10
4	9	56.2	19	2	US-08-660-592-4
5	9	56.2	19	3	US-09-166-930A-4
6	9	56.2	92	4	US-09-056-556-228
7	9	56.2	92	4	US-09-072-596-223
8	9	56.2	160	4	US-09-056-556-235
9	9	56.2	160	4	US-09-072-596-230
10	8	50.0	416	4	US-09-252-991A-19218
11	8	50.0	535	4	US-09-252-991A-17140
12	8	50.0	786	4	US-09-252-991A-30441
13	8	50.0	869	4	US-09-252-991A-17678
14	7	43.8	21	2	US-08-660-592-9
15	7	43.8	21	3	US-09-166-930A-7
16	7	43.8	120	4	US-09-702-705-797
17	7	43.8	120	4	US-09-736-457-797
18	7	43.8	125	4	US-09-252-991A-32594
19	7	43.8	133	4	US-09-252-991A-27120
20	7	43.8	142	4	US-09-252-991A-28123
21	7	43.8	145	4	US-09-252-991A-20032
22	7	43.8	160	4	US-09-252-991A-28246
23	7	43.8	171	4	US-09-252-991A-20639
24	7	43.8	171	4	US-09-252-991A-24631
25	7	43.8	171	4	US-09-252-991A-31498
26	7	43.8	179	4	US-09-252-991A-31486
27	7	43.8	181	4	US-09-252-991A-30481

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28 7 43.8 183 4 US-09-252-991A-20768 Sequence 20768, A
29 7 43.8 188 4 US-09-252-991A-24789 Sequence 24789, A
30 7 43.8 218 4 US-09-252-991A-31933 Sequence 31933, A
31 7 43.8 235 4 US-09-252-991A-18066 Sequence 18066, A
32 7 43.8 234 4 US-09-252-991A-20551 Sequence 20551, A
33 7 43.8 257 4 US-09-252-991A-31359 Sequence 31359, A
34 7 43.8 274 4 US-09-252-991A-19018 Sequence 19018, A
35 7 43.8 283 4 US-09-252-991A-17745 Sequence 17745, A
36 7 43.8 291 4 US-09-252-991A-21831 Sequence 21831, A
37 7 43.8 295 4 US-09-252-991A-21789 Sequence 21789, A
38 7 43.8 299 4 US-09-252-991A-23674 Sequence 23674, A
39 7 43.8 335 4 US-09-252-991A-20380 Sequence 20380, A
40 7 43.8 339 4 US-09-252-991A-20302 Sequence 20302, A
41 7 43.8 341 4 US-09-252-991A-26643 Sequence 26643, A
42 7 43.8 348 4 US-09-252-991A-22732 Sequence 22732, A
43 7 43.8 390 4 US-09-252-991A-32963 Sequence 32963, A
44 7 43.8 409 4 US-09-252-991A-23431 Sequence 23431, A
45 7 43.8 439 4 US-09-252-991A-23431 Sequence 23431, A

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ALIGNMENTS

RESULT 1
US-09-166-930A-8
; Sequence 8, Application US/09166930A
; Patent No. 6200955
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; FILE REFERENCE: 006338-006
; CURRENT APPLICATION NUMBER: US/09/166,930A
; CURRENT FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: US 08/660,592
; PRIOR FILING DATE: 1998-06-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Tris Arg #3
US-09-166-930A-8

Query Match 100.0%; Score 16; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e-09;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 CRRARARARARARAE 16
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Db 1 CRRARARARARARAE 16

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RESULT 2
US-08-660-592-11
; Sequence 11, Application US/08660592
; Patent No. 5871153
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATRIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-660-592-11

Query Match 93.8%; Score 15; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRAAARARRAEEA 16
|||||

Db 2 RRAAARARRAEEA 16

RESULT 3
US-08-660-592-10
Sequence 10, Application US/08660592
Patent No. 587153

GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-660-592-10

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-660-592-10

Query Match 93.8%; Score 15; DB 2; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.7e-08;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRAAARARRAEEA 16
|||||

Db 5 RRAAARARRAEEA 19

RESULT 4
US-08-660-592-4
Sequence 4, Application US/08660592
Patent No. 587153
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-660-592-4

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-660-592-4

Query Match 56.2%; Score 9; DB 2; Length 19;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 ARAAARAA 12
|||||

Db 4 ARAAARAA 12

RESULT 5
US-09-166-930A-4
Sequence 4, Application US/09166930A
Patent No. 6200955
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-006
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-166-930A-4

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: HARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-001
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-166-930A-4

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 4

LENGTH: 19

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: branched-chain

OTHER INFORMATION: heparin-binding peptide Arg Helix #1

US-09-166-930A-4

Query Match

Best Local Similarity 56.2%; Score 9; DB 3; Length 19;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 AAAAAARRA 12

|||||

Db 4 AAAAAARRA 12

RESULT 6

US-09-056-556-228

Sequence 228, Application US/09056556

Patent No. 6350456

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

APPLICANT: Campos-Neto, Antonia

APPLICANT: Houghton, Raymond

APPLICANT: Vedvick, Thomas S.

APPLICANT: Twardzik, Daniel R.

APPLICANT: Lodes, Michael J.

APPLICANT: Hendrickson, Ronald C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 241

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/056,556

FILING DATE: 07-APR-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.457

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 228:

SEQUENCE CHARACTERISTICS:

LENGTH: 92 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-056-556-228

Query Match

Best Local Similarity 56.2%; Score 9; DB 4; Length 92;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15

|||||

Db 39 AAARRARAE 47

RESULT 7

US-09-072-596-223

Sequence 223, Application US/09072596

Patent No. 6458366

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

APPLICANT: Campos-Neto, Antonia

APPLICANT: Houghton, Raymond

APPLICANT: Vedvick, Thomas S.

APPLICANT: Twardzik, Daniel R.

APPLICANT: Lodes, Michael J.

APPLICANT: Hendrickson, Ronald C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 350

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/072,596

FILING DATE: 05-MAY-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.417C9

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 223:

SEQUENCE CHARACTERISTICS:

LENGTH: 92 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-072-596-223

Query Match

Best Local Similarity 56.2%; Score 9; DB 4; Length 92;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15

|||||

Db 39 AAARRARAE 47

RESULT 8

US-09-056-556-235

Sequence 235, Application US/09056556

Patent No. 6350456

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

APPLICANT: Campos-Neto, Antonia

APPLICANT: Houghton, Raymond

APPLICANT: Vedvick, Thomas S.

APPLICANT: Twardzik, Daniel R.

APPLICANT: Lodes, Michael J.

APPLICANT: Hendrickson, Ronald C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 241

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

TUBERCULOSIS

;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/056.556
;; FILING DATE: 07-APR-1998
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MAKI, David J.
;; REGISTRATION NUMBER: 31,392
;; REFERENCE/DOCKET NUMBER: 210121.457
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 235:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 160 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-09-056-556-235

Query Match 56.2%; Score 9; DB 4; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.14; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0;

Qy 7 AAARRARAE 15
| | | | | | | |
Db 31 AAARRARAE 39

RESULT 9
US-09-072-596-230
; Sequence 230, Application US/09072596
; Patent No. 6458366
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillon, David C.
; APPLICANT: Campos-Neto, Antonia
; APPLICANT: Houghton, Raymond
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Twardzik, Daniel R.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Hendrickson, Ronald C.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
; NUMBER OF SEQUENCES: 350
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/072,596
; FILING DATE: 05-MAY-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MAKI, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.417C9
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:

;; LENGTH: 160 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-09-072-596-230

Query Match 56.2%; Score 9; DB 4; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.14; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0;

Qy 7 AAARRARAE 15
| | | | | | | |
Db 31 AAARRARAE 39

RESULT 10
US-09-252-991A-19218
; Sequence 19218, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252.991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 19218
; LENGTH: 416
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (20)
; OTHER INFORMATION: Identity of amino acid at the above locations are unknown.
US-09-252-991A-19218

Query Match 50.0%; Score 8; DB 4; Length 416;
Best Local Similarity 100.0%; Pred. No. 2.6; Mismatches 0; Indels 0; Gaps 0;
Matches 8; Conservative 0;

Qy 5 ARAARRA 12
| | | | | | | |
Db 220 ARAARRA 227

RESULT 11
US-09-252-991A-17140
; Sequence 17140, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252.991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 17140
; LENGTH: 535
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17140

TUBERCULOSIS

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Query Match      50.0%; Score 8; DB 4; Length 535;
Best Local Similarity 100.0%; Pred. No. 3.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 AAARRARA 14
Db      193 AAARRARA 200

RESULT 12
US-09-252-991A-30441
; Sequence 30441, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30441
; LENGTH: 786
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30441

Query Match      50.0%; Score 8; DB 4; Length 786;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 AAARRARA 14
Db      583 AAARRARA 590

RESULT 13
US-09-252-991A-17678
; Sequence 17678, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 17678
; LENGTH: 869
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17678

Query Match      50.0%; Score 8; DB 4; Length 869;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRAARRAA 9
Db      10 RRAARRAA 17

RESULT 14
US-08-660-592-9
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; Sequence 9, Application US/08660592
; Patent No. 5877153
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,592
; FILING DATE: 11-JUN-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 006338-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-9

Query Match      43.8%; Score 7; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 RAAARRA 12
Db      15 RAAARRA 21

RESULT 15
US-09-166-930A-7
; Sequence 7, Application US/09166930A
; Patent No. 6200955
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; FILE REFERENCE: 006338-006
; CURRENT APPLICATION NUMBER: US/09/166,930A
; CURRENT FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: US 08/660,592
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: branched-chain
; OTHER INFORMATION: heparin-binding peptide Arg Helix #5
US-09-166-930A-7

Query Match      43.8%; Score 7; DB 3; Length 21;
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Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 6 RAAARRA 12
 |||||
DB 15 RAAARRA 21

Search completed: August 9, 2003, 16:35:22
Job time : 16.0857 secs